

AMENDMENTS TO THE ABSTRACT:

Replace the Abstract with the following rewritten version:

A guillotine valve, used for example in pipelines, is described herein as including a single block body incorporating sealing elements, each in the form of an annular hose section, which are made of an elastomeric material and which are hollow along their entire circumference, each providing an airtight pneumatic circumferential chamber filled with air. Due to the compressibility of the chambers the contact faces of the hose sections deform uniformly in relation to a closing blade. Convex contours on the internal faces of the hose sections result in a further sealing effect due the pressing together of the contact faces by the pressure of the pipeline fluid. The hose sections can each also incorporate a T-shaped metal core comprising an axial portion and a radial portion. "IMPROVEMENT INTRODUCED INTO A GUILLOTINE VALVE",
characterized by the fact that the single block body (1) incorporates on each one of its faces, i.e. downstream or upstream in relation to the flow direction of the fluid passing through the valve, two sealing elements (7), mounted fully opposed and in mutual contact; the sealing elements (7), also called hose sections, are manufactured from elastomeric material, presenting the feature of being interchangeable; the hose sections (7) are totally hollow in all their construction circumference, being each one provided with an airtight pneumatic circumferential chamber (8), filled with air.